

IN THE SPECIFICATION

Please replace the paragraph beginning on page 5, line 3 with the following amended paragraphs.

Figure 8b [[8a]] illustrates for one embodiment, a method for implicating normal satisfiability using an abstracted simulation relation of an abstracted antecedent strengthened assertion graph.

Figure 8c illustrates for one alternative embodiment, a modified method for implicating normal satisfiability using an abstracted simulation relation.